

INTERNATIONAL SEARCH REPORT

International Application No

PCT/NZ 00/00110

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B60T7/20 B60T13/66

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B60T

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 626 402 A (SAFFRAN GENE E) 6 May 1997 (1997-05-06) abstract; figures 1,2 column 1, line 20 -column 2, line 19	1,3, 5-10, 12-15,18
X	US 5 620 236 A (HEDDING MICHAEL A ET AL) 15 April 1997 (1997-04-15) abstract; figure 1 column 2, line 31 -column 3, line 7 column 4, line 13 - line 16	1,3,5-9, 11-14, 16,18
X	US 5 709 435 A (WOOD COLEMAN W) 20 January 1998 (1998-01-20) the whole document	1-3,5-9, 12-14,18
	-/-	

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"Z" document member of the same patent family

Date of the actual completion of the international search

30 October 2000

Date of mailing of the international search report

07/11/2000

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 810 107 A (KREL ALEKSANDR) 22 September 1998 (1998-09-22) abstract; figure 2	17
X	US 5 503 468 A (SAFFRAN GENE E) 2 April 1996 (1996-04-02) the whole document	1,3,5-9, 12-14,18

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Information on patent family members

Int. Application No

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5626402 A	06-05-1997	CA 2126433 A	22-12-1995
US 5620236 A	15-04-1997	AJ 3290295 A	18-04-1996
		CA 2157820 A	28-03-1996
		US 5782542 A	21-07-1998
		US 5800025 A	01-09-1998
		US 5785393 A	28-07-1998
US 5709435 A	20-01-1998	CA 2207171 A	07-12-1997
US 5810107 A	22-09-1998	NONE	
US 5503468 A	02-04-1996	CA 2152104 A	24-12-1995

PATENT COOPERATION TREATY
PCT
INTERNATIONAL PRELIMINARY EXAMINATION REPORT
(PCT Article 36 and Rule 70)

Applicant's or agent's file reference 17731/3 VM	FOR FURTHER ACTION	See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416).
International Application No. PCT/NZ00/00110	International Filing Date (day/month/year) 23 June 2000	Priority Date (day/month/year) 24 June 1999
International Patent Classification (IPC) or national classification and IPC Int. Cl. ⁷ B60T 7/20, 13/66		
Applicant SHARP, Jeffrey John et al.		

1.	This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.																								
2.	This REPORT consists of a total of 5 sheets, including this cover sheet. <input checked="" type="checkbox"/> This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT). These annexes consist of a total of 4 sheet(s).																								
3. This report contains indications relating to the following items: <table style="width: 100%; border: none;"> <tr> <td style="width: 5%;">I</td> <td style="width: 5%; text-align: center;"><input checked="" type="checkbox"/></td> <td>Basis of the report</td> </tr> <tr> <td>II</td> <td style="text-align: center;"><input type="checkbox"/></td> <td>Priority</td> </tr> <tr> <td>III</td> <td style="text-align: center;"><input type="checkbox"/></td> <td>Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</td> </tr> <tr> <td>IV</td> <td style="text-align: center;"><input type="checkbox"/></td> <td>Lack of unity of invention</td> </tr> <tr> <td>V</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td>Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</td> </tr> <tr> <td>VI</td> <td style="text-align: center;"><input type="checkbox"/></td> <td>Certain documents cited</td> </tr> <tr> <td>VII</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td>Certain defects in the international application</td> </tr> <tr> <td>VIII</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td>Certain observations on the international application</td> </tr> </table>		I	<input checked="" type="checkbox"/>	Basis of the report	II	<input type="checkbox"/>	Priority	III	<input type="checkbox"/>	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability	IV	<input type="checkbox"/>	Lack of unity of invention	V	<input checked="" type="checkbox"/>	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement	VI	<input type="checkbox"/>	Certain documents cited	VII	<input checked="" type="checkbox"/>	Certain defects in the international application	VIII	<input checked="" type="checkbox"/>	Certain observations on the international application
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VII	<input checked="" type="checkbox"/>	Certain defects in the international application																							
VIII	<input checked="" type="checkbox"/>	Certain observations on the international application																							

Date of submission of the demand 23 January 2001	Date of completion of the report 9 October 2001
Name and mailing address of the IPEA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaustalia.gov.au Facsimile No. (02) 6285 3929	Authorized Officer L. DESECAR Telephone No. (02) 6283 2381

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/NZ00/00110

10/025558
12/26/01



I. Basis of the report

1. With regard to the elements of the international application:
 - ☐ the international application as originally filed.
 - ☒ the description, pages 1-15, as originally filed,
pages , filed with the demand,
pages , received on with the letter of
 - ☒ the claims, pages , as originally filed,
pages , as amended (together with any statement) under Article 19,
pages , filed with the demand,
pages 16-19, received on 18 September 2001 with the letter of 17 September 2001
 - ☒ the drawings, pages 1/3-3/3 , as originally filed,
pages , filed with the demand,
pages , received on with the letter of
 - ☐ the sequence listing part of the description:
pages , as originally filed
pages , filed with the demand
pages , received on with the letter of
2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.
These elements were available or furnished to this Authority in the following language which is:
 - ☐ the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).
 - ☐ the language of publication of the international application (under Rule 48.3(b)).
 - ☐ the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and/or 55.3).
3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:
 - ☐ contained in the international application in written form.
 - ☐ filed together with the international application in computer readable form.
 - ☐ furnished subsequently to this Authority in written form.
 - ☐ furnished subsequently to this Authority in computer readable form.
 - ☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
 - ☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished
4. ☐ The amendments have resulted in the cancellation of:
 - ☐ the description, pages
 - ☐ the claims, Nos.
 - ☐ the drawings, sheets/fig.
5. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**

* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17).

** Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report

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V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims 1-18	YES
	Claims	NO
Inventive step (IS)	Claims 1-18	YES
	Claims	NO
Industrial applicability (IA)	Claims 1-18	YES
	Claims	NO

2. Citations and explanations (Rule 70.7)

Claims 1-18 meet the criteria set out in the PCT Article 33(2)-(4), because non of the prior art documents teaches or fairly suggests a system for effecting a braking force on a towed vehicle, the system including at least one braking sensor located on a towing vehicle, a control unit for communication with a braking actuator mechanism located on the towed vehicle, wherein the braking sensor includes a substantially static, pressure sensitive laminate, and wherein the control unit can determine braking force sensed by the braking sensor and signals a braking actuator mechanism to apply a braking force to a towed vehicle proportional to the force applied to the braking sensor as determined by the control unit.

static

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VII. Certain defects in the international application

The following defects in the form or contents of the international application have been noted:

Claims 19-21 do not comply with Rule 6.2(a) because the claims should not rely on references to the description or the drawings.